## **High Precision Stroke Reading Cylinder Non-rotating Piston Type**

# CEP1 Series ø12, ø20





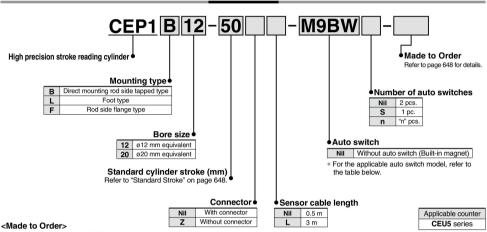
CEP<sub>1</sub>

CE1 CE<sub>2</sub>

ML2B

Note) CE-compliant: When connecting to a multi-counter (CEU5 -D. power supply voltage 24 VDC). Befer to the multi-counter operation manual for details

How to Order



Fluororubber seals: -XC22

(Example) CEP1B12-100-M9N-XC22

### <Option>

Extension cable CE1-R 05

Cable length 05 5 m 10 10 m 15 15 m 20 20 m

Nil	Extension cable						
С	Extension cable & connector						

## Mounting Bracket Part No.

Cylinder part no.	Foot	Rod side flange					
CEP1□12	CEP1-L12	CEP1-F12					
CEP1□20	CEP1-L20	CEP1-F20					

Applicable Auto Switches/Refer to pages 941 to 1067 for further information on auto switches.

Туре	Special function	Electrical entry	Indicator light	NA/Suring an	Load voltage		Auto switch model		Lead wire length (m)							
				Wiring (Output)	DC		AC	Perpendicular	In-line	0.5 (Nil)	1 (M)	3 (L)	5 (Z)	connector		
ıto switch		Grommet		3-wire (NPN)	24 V	5 V, 12 V	,	M9NV	M9N	•	•	•	0	0	IC circuit	
				3-wire (PNP)				M9PV	M9P	•	•	•	0	0	IC CIrcuit	
				2-wire		12 V		M9BV	M9B	•	•	•	0	0	_	Relay,
	Diagnostic indication (2-color indicator)			3-wire (NPN)		5 V, 12 V		M9NWV	M9NW	•	•	•	0	0	IC circuit F	
			es	3-wire (PNP)				M9PWV	M9PW	•	•	•	0	0	IC circuit	
as				2-wire				M9BWV	M9BW	•	•	•	0	0		
	\M/=4== ===i=4==4			3-wire (NPN)		5 V, 12 V		M9NAV*1	M9NA*1	0	0	•	0	0	IC circuit	
Solid	Water resistant (2-color indicator)			3-wire (PNP)				M9PAV*1	M9PA*1	0	0	•	0	0	ic circuit	
တိ				2-wire		12 V		M9BAV*1	M9BA*1	0	0	•	0	0	_	1
Reed auto switch		Grommet	No Yes	3-wire (NPN equivalent)	-	5 V	_	A96V	A96	•	_	•	_	_	IC circuit	_
				2-wire 24 V	24.1/	12 V	100 V	A93V*2	A93	•	•	•	•	_	_	Relay,
					24 V		100 V or less	A90V	A90	•	-	•	-	_	IC circuit	PLĆ

<sup>1</sup> Water resistant type auto switches can be mounted on the above models, but in such case SMC cannot guarantee water resistance.

Consult with SMC regarding water resistant types with the above model numbers.

\*2 1 m type lead wire is only applicable to D-A93.

\* Lead wire length symbols: 0.5 m ..... Nil (Example) M9NW 1 m ..... M

(Example) M9NWM (Example) M9NWL 3 m ..... L (Example) M9NWZ 5 m ..... Z

\* Solid state auto switches marked with "O" are produced upon receipt of order.

\* Refer to page 655 for details on other applicable auto switches than listed above.

\* For details about auto switches with pre-wired connector, refer to pages 1014 and 1015.

\* Auto switches are shipped together (not assembled).





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